

POLIMIN SP-17 SILICON-DECOR



Decorative silicone-added textured render

For the protection and decoration of strong, prepared surfaces, thermal insulation systems, facades of residential, commercial, industrial and other buildings

- weather and pollution resistant
- high vapour permeability
- elasticity
- hydrophobicity (water repellent)



vapour-permeable



resistant to atmospheric precipitation



shock-resistant



elastic

PACKAGING 25 kg

Product

Polimin SP-17 Silicon-Dekor is a silicone-added textured decorative plaster for the protection and decoration of strong, prepared surfaces and thermal insulation systems.

Decorative plaster provides:

- Resistance to weather and pollution
- Vapour permeability and hydrophobicity of the coating,
- Reliable protection of bonded thermal insulation systems,
- Professional toning (NCS, RAL, Monicolor, Spirit),
- Easy application and texture formation.

Usage

Polimin SP-17 Silicon-Dekor product is used to finish the facades of residential, commercial, industrial, warehouse, and other buildings as well as to create scratched or whitecap rustic decorative interior finish.

Table 1

Characteristics	
dilution agent	water
finish appearance	rustic scratched and whitecap finish
density	1.7–1.8 kg/l
consumption rate	2.5–2.8 kg/m ²
vapour permeability: category	V ₁ —high
water absorption: category	W ₂ —average
adhesion	≥ 0.8 N/mm ²
substrate and ambient temperature during application	from +5 °C to +30 °C
packaging	plastic buckets: 25 kg

The data in the table is provided for reference only and cannot be used as grounds for any claims. The products are constantly being improved; specifications are subject to change without notice.

Standards

Declaration of Performance No. CPR 1/014.

Table 2

Dry film thickness	≤ 400 μm (E ₅)
Particle size	1000–2000 μm (S ₃ , S ₄)
Vapour permeability	> 150 g/(m ² · d) (V ₁)

Application

Working surface preparation

The surface must be:

Stable: strong, sufficiently supportive, resistant to deformations, seasoned, also be cleared of layers that reduce adhesion;

Smooth: if necessary, unevenness and holes to be levelled with plasters or glue compounds for reinforcement;

Cleaned from layers that reduce adhesion (lime, oil, grease, wax, oil and emulsion paint residues). The surfaces covered with fungi, mould, etc., should be treated with special compounds;

Dusted with industrial vacuums or manually;

Seasoned: glutinous compositions for reinforcement - 3-7 days, mineral plasters - 14 days;

Primed for the purpose of simplifying the work and to strengthen the substrate further; the surface is covered with AC-3 QUARTZ CONTACT.

Preparation of plaster mass

The plaster is delivered ready for use. You cannot mix it with other materials, or dilute and thicken it. After opening the bucket,

the mass must be mixed until a homogeneous consistency is obtained.

Application of the mass

Plaster mass should be applied to the substrate in a layer of texture crumb thickness with a smooth stainless float. The excess of the mass is removed and mixed in a bucket.

Texturing

The freshly applied plaster mass is wiped with a plastic float until the desired texture is obtained: sandblast or "worm". The time from application till the formation of the texture is about 5-10 minutes, depending on the temperature and humidity of the environment.

Consumption Rate

More accurate consumption rates can be obtained on the basis of a plaster application test on the substrate. Average rate is approximately 2.50-2.85 kg/m².

Storage conditions

Store in tightly packed original packaging, in dry conditions (preferably on pallets) at a temperature of + 5 °C up to + 30 °C. Avoid freezing and exposure to direct sunlight!

The period of suitability for use under conditions that meet these requirements is 18 months from the production date that is indicated on the package.

Additional Information

- The material must be applied using the "wet on wet" method, avoiding drying of finished areas. Otherwise, the connection places will be visible. Technological breaks are planned in advance (for example: in the corners and bends of buildings, under drainpipes, at the junction of colour, etc.). In case of need to interrupt work or when different batches of material are used, it is necessary to put the adhesive tape along the line of completion of the work, apply the plaster, texture it, and then remove the tape with plaster residues. To continue work, the edge of the previously applied plaster should be covered with tape, which should be removed after applying plaster to a new area.
- During plastering, as well as the drying of the plaster, the plastered surface must be protected from heating by direct sunlight, wind and precipitation.
- The drying time of the plaster depends on the base, temperature and relative humidity of the air and is about 12-48 hours. Under conditions of high humidity and a temperature of +5 °C, the setting time of the plaster may increase.
- To avoid differences in shades of colour when using coloured decorative plasters, it is necessary to apply plaster of the same production date on one surface.
- When using plasters in thermal insulation systems,
- the use of dark colour with a diffuse light reflection coefficient of less than 20% should be avoided. The proportion of such colours on the facade should not exceed

10% of the facade surface.

- Tools should be washed with water immediately after use.
- The product has a harmful effect on aquatic organisms, may cause long-term adverse changes in the aquatic environment. Keep away from children. Read the label before use. Do not dispose into the environment. The contents/container is discarded in appropriately labelled containers for the selective collection of waste emptied by an authorized firm. Handle according to the characteristics card.

Special Information

The reliability of this data is based on laboratory tests and practical experience and is valid on the date that is specified in the technical specifications.

The quality of the material is provided by a brand quality system that meets the requirements of the international standard ISO 9001.

Application, performance of work when using the product should be carried out in accordance with the current regulatory documentation.

The manufacturer cannot be held liable for damage caused by violation of the product application rules which are indicated in the technical specification issued or when it is used for the wrong purpose.

With the release of a new edition, this document loses its force.

The information contained in the technical card provides basic data relating to the application of the product and does not release from the obligation of performance of works in accordance with building codes and safety regulations. Since the issuance of this technical card, all previous ones have been cancelled. The current technical documentation of the product is available on drive.polimin.ua or polimin.ua in the relevant language section.

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